

Amendment and Response

Applicant: Kurt Thiessen et al.

Serial No.: 10/607,892

Filed: June 27, 2003

Docket No.: 100110947-1

Title: SYSTEM AND METHOD OF PRINTING WITHIN CIRCULAR AREA

REMARKS

The following Remarks are made in response to the Non-Final Office Action mailed January 24, 2005, in which claims 1-4, 7-16, 19-28, 31-39, and 42-49 were rejected. Claims 5, 6, 17, 18, 29, 30, 40, and 41 have been withdrawn from consideration as being directed to a non-elected species.

With this Amendment, claims 4, 16, 28, and 39 have been cancelled without prejudice, and claims 1, 13, 25, 36, 47, and 48 have been amended to clarify Applicant's invention. Claims 1-3, 7-15, 19-27, 31-38, and 42-49, therefore, are presented for reconsideration and allowance.

Claim Rejections under 35 U.S.C. § 102 and 35 U.S.C. § 103

Claims 1-4, 7-16, and 19-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Bradshaw et al. U.S. Patent No. 6,264,295. Claim 47 is rejected under 35 U.S.C. 102(b) as being anticipated by Yuji JP06-31906.

Claims 25-39 and 42-46 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bradshaw et al. U.S. Patent No. 6,264,295 in view of Yuji JP06-31906. Claims 48-49 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bradshaw et al. U.S. Patent No. 6,264,295 in view of Yuji JP06-31906.

With this Amendment, independent claim 1 has been amended to clarify that printing at least one arcuate print pattern within the circular area of the media includes printing substantially perpendicular to the radius of the circular area of the media, and independent claim 13 has been amended to clarify that the printhead is adapted to print substantially perpendicular to the radius of the circular area of the media and print at least one arcuate print pattern within the circular area of the media as the assembly rotates the media relative to the printhead. In addition, independent claim 25 has been amended to clarify that printing at least one arcuate print pattern on the optical data storage disk includes printing substantially perpendicular to the radius of the optical data storage disk, and independent claim 36 has been amended to clarify that the printhead is adapted to print substantially perpendicular to the radius of the optical data storage disk and print at least one arcuate print pattern on the optical data storage disk as the assembly rotates the optical data storage disk relative to the printhead. In addition, independent claim 47 has been amended to clarify that means for

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simultaneously printing on and recording to the optical data storage disk includes a printhead positioned on the first side of the optical data storage disk, wherein the printhead is adapted to print substantially perpendicular to a radius of the optical data storage disk.

With respect to Bradshaw and Yuji, neither of these references, individually or in combination, teach or suggest a method of printing as claimed in amended independent claim 1, a system for printing as claimed in amended independent claim 13, a method of printing and recording as claimed in amended independent claim 25, a system for printing and recording as claimed in amended independent claim 36, nor a system for processing an optical data storage disk as claimed in amended independent claim 47. For example, the Bradshaw reference discloses a printing system configured to "print radially" onto a rotating media with a head assembly that "radially dispenses ink" onto the print media such that the print head prints "along a radial line" with respect to the rotating media (col. 4, line 58 - col. 5, line 1). As such, the head assembly 210 of the Bradshaw reference moves along a radial direction 212 and represents a mechanism for "radially printing" onto media 220 (col. 5, lines 46-61; Fig. 2). By printing along a radial line, the Bradshaw reference, therefore, prints parallel to a radius of the media. Independent claims 1, 13, 25, 36, and 47 of the present application, however, each include printing perpendicular to a radius of the media.

In view of the above, Applicant submits that independent claims 1, 13, 25, 36, and 47 are each patentably distinct from the Bradshaw and Yuji references and, therefore, are each in a condition for allowance. Furthermore, as dependent claims 2, 3, and 7-12 further define patentably distinct claim 1, dependent claims 14, 15, and 19-24 further define patentably distinct claim 13, dependent claims 26, 27, and 31-35 further define patentably distinct claim 25, dependent claims 37, 38, and 42-46 further define patentably distinct claim 36, and dependent claims 48-49 further define patentably distinct claim 47, Applicant submits that these dependent claims are also in a condition for allowance. Applicant, therefore, respectfully requests that the rejections of claims 1-4, 7-16, 19-24, and 47 under 35 U.S.C. 102(b) and claims 25-39, 42-46, and 48-49 under 35 U.S.C. 103(a) be reconsidered and withdrawn and that claims 1-3, 7-15, 19-27, 31-38, and 42-49 be allowed.

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CONCLUSION

In view of the above, Applicant respectfully submits that pending claims 1-3, 7-15, 19-27, 31-38, and 42-49 are all in a condition for allowance and requests reconsideration of the application and allowance of all pending claims.

Any inquiry regarding this Amendment and Response should be directed to either Robert D. Wasson at Telephone No. (360) 212-2338, Facsimile No. (858) 655-5859 or Scott A. Lund at Telephone No. (612) 573-2006, Facsimile No. (612) 573-2005. In addition, all correspondence should continue to be directed to the following address:

Hewlett-Packard Company
Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 80527-2400

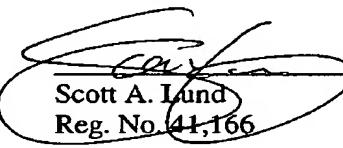
Respectfully submitted,

Kurt Thiessen et al.,

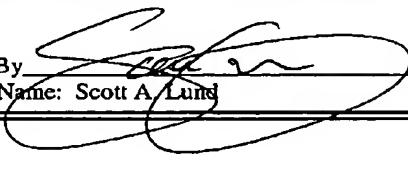
By their attorneys,

DICKE, BILLIG & CZAJA, PLLC
Fifth Street Towers, Suite 2250
100 South Fifth Street
Minneapolis, MN 55402
Telephone: (612) 573-2006
Facsimile: (612) 573-2005

Date: April 21, 2005
SAL:jan


Scott A. Lund
Reg. No. 41,166

CERTIFICATE UNDER 37 C.F.R. 1.8: The undersigned hereby certifies that this paper or papers, as described herein, are being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (703) 872-9306 on this 21st day of April, 2005.

By 
Name: Scott A. Lund